DRUCKER, A.; FUHRMANN, Coloman, ing.; GOMOIU, Alex.; CALUGAREANU, Ad. ing; SAVIDIS, C., ing.; TELEA, Gh.; BORCEA, N.; JOGAREANU, O.; RIZEA, Nicolae; DUMITRESCU, Gheorghe.

Present problems of labor output rates. Probleme econ 17 no.5: 157-160 My '64.

1. Director, "Victoria"-Calan Plant (for Drucker). 2. Head of the Department of Labor Organization, "Victoria"-Calan Plant(for Fuhrmann). 3. Director, "Steaua Rosie" Plant, Bucharest (for Gomoiu). 4. Head of the Department of Production Organization, "Steaua Rosie" Plant, Bucharest (for Calugareanu). 5. Director, Medgidia Cement Works (for Savidis). 6. Head of the Department of Labor Organization, Medgidia Cement Works (for Telea). 7. Director, Enterprise of Electricity, Sibiu (for Borcea). 8. Head of the Department of Labor Organization, Enterprise of Electricity, Sibiu (for Jogareanu). 9. Director, "Carmen" State Industrial Enterprise, Bucharest (for Rizea). 10. Head of the Department of O.N.M., "Carmen" State Industrial Enterprise Bucharest (for Dumitrescu).

GOMOIU, Marian-Traian

Some Nudibranchiata (Gastropoda-Opisthobranchia) of the western part of the Black Sea. Comunicarile AR 11 no.10:1247-1255 O '61.

1. Comunicare prezentata de Th. Busnita, membru corespondent al Academiei R.P.R.

*

GOMOIU, M.T.; MÜLLER, G.I.

The benthic association dominated by Barnea candida in the Black Sea. Rev biol 7 no.2:255-271 '62.

1. "Traian Savulescu" Institut of Biology, Laboratory of Oceanology.

BECHESKU, M. [Bacescu, M.] GOMOIU, M. T. [Gomoiu, M. T.]; BODIANU, N. [Bodeanu, N.]; [illegible], Adriana; MIULLER, G. "Miuller, G.] MANIA, V. [Manea, V.]

Ecologic investigations of the Black Sea. Rev biol 7 no. 4: 561-582 '62.

GOMOIU, Marian-Traian

Biologic study on the Nassa reticulata L. and Cyclonassa neritea (L.) species in the Black Sea, Rumanian littoral. Studii cerc biol s. zool 16 no. 1:39-49 '64.

1. "Traian Savulescu" Institute of Biology, Laboratory of Oceanology, Constanta.

BODEANU, N.; GOMOIU, M.T.

Data on the importance of microphytes in the food of mollusks.
Studii cerc biol s. zool 16 no. 3:257-265 '64.

1. "Traian Savulescu" Institute of Biology, Laboratory of Oceanology, Constanta.

RUMANIA/Farm Animals. Swine. Q-2

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101213

Author : Gomoiu, Virgil; Ordance, Cornel

Inst : -

Title : The Complex of Methods Used for the Raising of Suckling Piglets.

Orig Pub: Rev. ind. aliment. prod. animale, 1957, No. 6, 25-27

Abstract: Measures used in the raising of piglets (supplementary concentrate feedings of suckling piglets, simultaneous farrowing, isolation of weak animals) resulted in a rise of viable piglets from 5.96 to 6.41 per sow, whereas losses of suckling piglets decreased from 19.65 percent to 14.98 percent. The average weight gains per head increased from 10.962 to 12.653 kg, and planned expenditures were reduced by 36.0 percent.

Card 1/1

GOMOLA, G.G., inzh.

Converter with regulated rectangular output voltage for electric locomotives with doubly-fed series motors. Vest. TSNII MPS 24 no.8:24-28 '65. (MIRA 19:1)

TELLER, E.; GOMOLCAK, L. [translator]

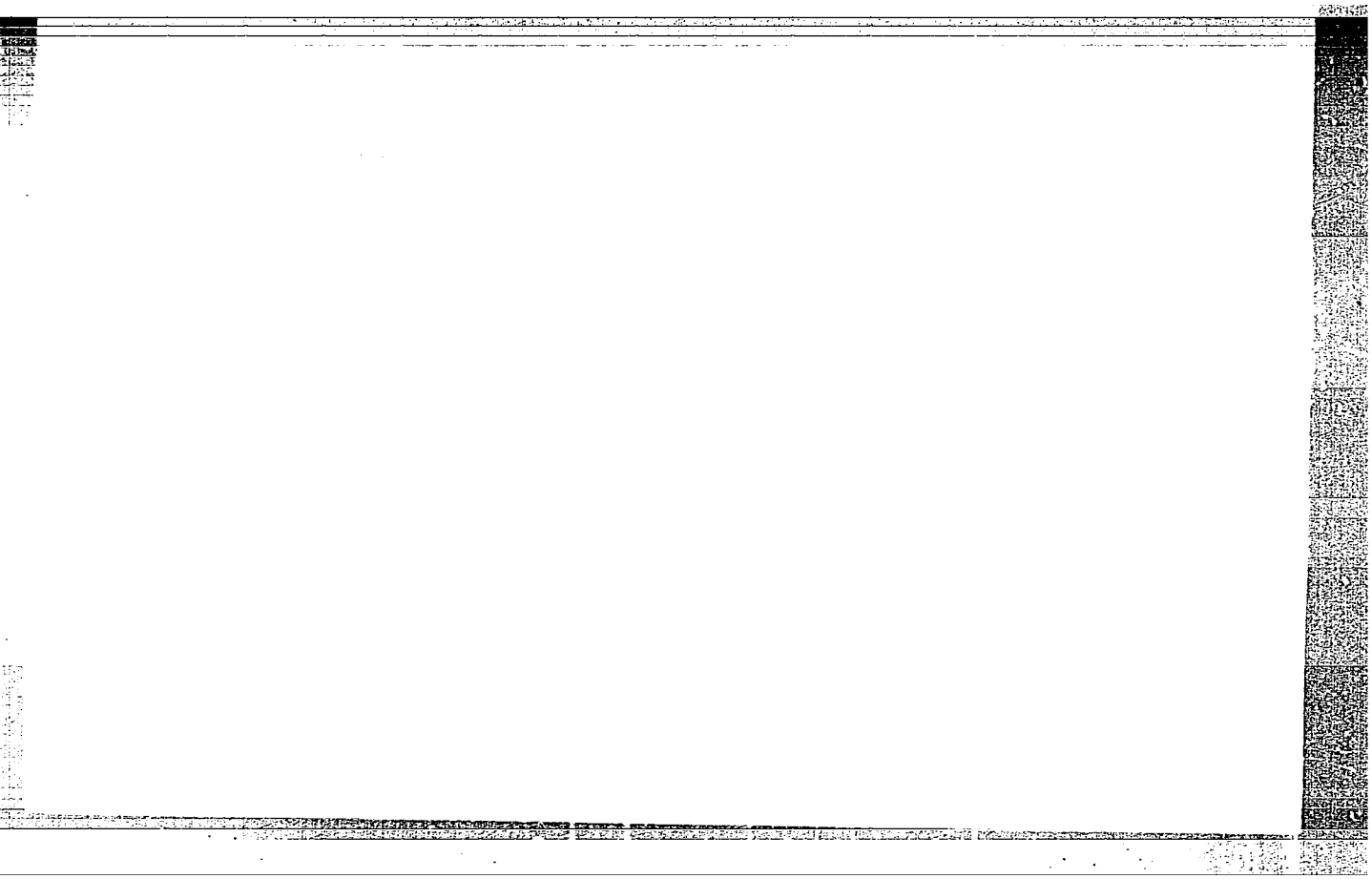
General problems of the controlled thermonuclear reaction. Jaderna energie 3 no.9:284-287 S '57.

EWT(m)/EPF(c)/T Pr-4 RJ

AP4043440

...itions of production of stable transformer oil from Anastas'yevsk

...Neftekhimiya, No. 1, 1964, 6-8



APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000515930004-4"

GOMOLIŃSKA, Emilia

S/081/62/000/022/016/088
B144/B101

AUTHORS: V. Bełłecki, Czesław, Lange, Jerzy;
VI. Lange, Jerzy, Bełłecki, Czesław, Nowak, Anna, Gomolińska, Emilia

TITLE: Reaction of aliphatic epoxy compounds. V. Preparation of transpropenyl benzene. VI. Diastereomeric 1-phenyl-2-bromopropanols

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 22, 1962, 177-178, abstract 22Zh99 (Roczn. chem., v. 35, no. 6, 1961, 1641-1644; 1645-1649 [Pol.; summaries in Russ., and Eng.])

TEXT: V. By bringing $LiAlH_4$ into reaction with $C_6H_5CH=CHCH_2Br$ (I), pure trans-$C_6H_5CH=CHCH_3$ (II) was synthetised. Experiments to obtain II by other means were unsuccessful: when an attempt is made to debromate erythro-$C_6H_5CHBrCHBrCH_3$ (III) with Zn dust, dimerisation takes place and 1-ethyl-2-methyl-3-phenyl indan (IV) forms; the outcome from an analogous action of Mg is an equilibrium mixture of II and its cis isomer (IIa cis

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Reaction of aliphatic epoxy ...

isomer); the same mixture results from an attempt to decarboxylise cis $C_6H_5CH=C(CH_3)COOH$ (V) in quinoline in the presence of $Cu(CrO_2)_2$ catalyst. 0.01 mole III in 150 ml alcohol is added after 0.5 hr to 10 g Zn dust suspended in 50 ml boiling alcohol, the mixture is boiled for 1 hr and cooled, and 65% IV (b.p. 182-183°C/18 mm Hg, n_D^{20} 1.5218) is separated from the filtrate. To 0.1 mole III in 200 ml absolute ether 0.15 mole Mg chips are added within 1 hr at ~20°C; when the vigorous reaction is completed the mixture is hydrolysed with ice water and HCl; from the ether layer 82.2% of a mixture is separated which contains II and IIa in a ratio of ~85 : 15, b.p. 64-67°C/20 mm Hg, n_D^{20} 1.5492. 0.11 mole V (m.p. 90-91°C) is decarboxylised according to a known method (RZhKhim, 1955, no. 23, 26244) using the catalyst $Cu(CrO_2)_2$; 55% of a mixture consisting of II and IIa is obtained, b.p. 61-65°C/17 mm Hg, n_D^{20} 1.5495. 0.1 mole I (b.p. 80-85°C/0.3 mm Hg, m.p. 27-28°C) in 100 ml absolute ether is added dropwise to 0.3 mole $LiAlH_4$ in 200 ml ether and the solvent is kept boiling; it is boiled for 2 hrs, then 7.1 g II, b.p.

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Reaction of aliphatic epoxy ...

72-74°C/20 mm Hg, 176.5-177.5°C, n_D^{20} 1.5508, is separated.

VI. When N-bromosuccinimide (VI) is brought into reaction with II and IIa the relevant isomeric $C_6H_5CH_2CH_2CHBrCH_2OH$ are obtained (VIIa erythro isomer; VIIb threo isomer). NaOH converts VIIb to erythro-1,2-epoxy-1-phenyl propane (VIII), and VIIa to the threo isomer of VIII (VIIIa). By reduction with $LiAlH_4$, VIIa as well as VIIb are converted to $C_6H_5CHOHC_2H_5$ (IX). 0.19 mole VI is added in small portions at ~20°C to 0.125 mole IIa in 100 ml water, the mixture is stirred for 1.5 hrs, after which 61% VIIb, b.p. 80-90°C/0.1 mm Hg, n_D^{25} 1.5618, is extracted using ether. Analogously, from II 67% VIIa, b.p. 118-120°C/1.8 mm Hg, n_D^{25} 1.5622, n_D^{20} 1.5644, is obtained. 0.03 mole NaOH in 30 ml water is added to 0.02 mole VIIb, the mixture is stirred for 30 min at 40-50°C, with ether 71% VIII, b.p. 77-79°C/10 mm Hg, n_D^{20} 1.5218, is extracted. Analogously, from VIIa 68% VIIIa, b.p. 90-92°C/14 mm Hg, n_D^{20} 1.5205, is synthetized. 0.02 mole VIIb in 50 ml absolute ether is added boiling drop by drop to 0.022 mole $LiAlH_4$ in 100 ml ether, boiled for 2 hrs, hydrolised with 5%-HCl, and

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B144/B101

Reaction of aliphatic epoxy ...

from the ether layer are separated: 81% IX, b.p. 97-102°C/10 mm Hg, n_D^{22} 1.5269; α-naphthyl urethane, m.p. 96-97°C. From VIIa 76% IX is obtained. Communication 4 see RZhKhim, 1962, 15Zh387. [Abstracter's note: Complete translation.]

Card 4/4

GOMOLISZEWSKI, J.; GOMOLISZEWSKIK, T. ; SZANCER, S.

GOMOLISZEWSKI, J.; GOMOLISZEWSKI, T. ; SZANCER, S?Studies on accuracy in networks of short-sided traverses in surveying industrial plants. p. 83

No. 1, 1956
GEODEZJA
SCIENCE
Warzawa, Poland

So: East European Accession, Vol. 6, no. 2, Feb. 1957

GOMOLISZEWSKI, J.

The scope of studies and the task of technical and industrial geodesy, p. 19

PRZEGLAD NAUKOWO-TECHNICZNY, SERIA G. Krakow, Poland
No. 3, 1959

Monthly List of East European Accessions Index (EEAI), LC, Vol 8, No. 11,
November 1959
Uncl.

GOMOLISZEWSKI, J: TRYUK, K: MILBERT, S.

Educational and didactic problems at the Department of Geodesy of the Academy of Mining and Metallurgy, p. 3

PRZEGLAD NAUKOWO-TECHNICZNY, SERIA G. Krakow, Poland.
No. 3, 1959

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, No. 11, November 1959
Uncl.

GOMOLISZEWSKI, Jerzy

Report form the scientific colloqium of the Committee of Geodesy of the Polish Academy of Sciences on the design and use of PARK (PARF) and PARC machines. Geod i kart 9 no.3/4:211-215 '60.

GOMOLISZEWSKI, Jerzy

New method of measuring the length of traverse sides with stadia diaphragm. Geod i kart 11 no.2:91-114 '62.

GOMOLISZEWSKI, Jerzy, prof.; IWANEJKO, Jozef, mgr inz.

Geodetic inventory of underground canal networks and installations in cities and suburban settlements. Przegl geod 35 no.2:58-66 F '63.

GOMOLISZEWSKI, Jerzy, prof. dr. inz.

Surveying and preparation of inventory maps of buildings in the old parts of cities. Przegl geod 35 no.8:330-334 Ag '63.

1. Katedra Geodezji Przemyslowej, Akademiz Gorniczo-Hutnicza, Krakow.

GOMOLISZEWSKI, T.

Calculation of the abscissa of the curve formed by the drooping of a mast-tension rope
p. 79

GEODEZJA I KARTOGRAFIA. (polska Akademia Nauk. Komitet Geodezji)
Warszawa. Vol. 7, no 2, 1958
Poland/

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959
Uncl.

GOMOLITSKIY, N.P.

Some pecies of Jurassic flora from the Fergana Range. Bot.zhur.46 no.3:396-399 Mr '61. (MIRA 14:3)

1. Geologo-s"yemochnaya poiskovaya ekspeditsiya Glavnogo upravleniya geologii i okhrany nedr pri Sovete Ministrov UzbSSR, Tashkemt.
(Fergana Range--Paleobotany)

GOMOLITSKIY, N. P.; KURBATOV, V. V.; SIKSTEL', T. A.

New materials characterizing the genus Pachypteris (Pteridospermaphyta). Paleont. zhur. no.2:166-167 '62.
(MIRA 15:10)

1. Glavnoye upravleniye geologii i okhrany nedr Uzbekskoy SSSR, Tashkent.

(Pteridospermae)

GOMOLITSKIY, N.P.

Podocarpophyllum, a new conifer genus from Jurassic carboniferous sediments of the Angrenian in Central Asia. Bot. zhur. 47 no.7:1029-1032 Jl '62. (MIRA 15:9)

1. Botanicheskiy institut imeni V.L. Komarova AN SSSR, Leningrad.
(Asia, Central—Coniferae, Fossil)

GOMOLITSKIY, N.P.

Structure of epidermis in Czekanowskia latifolia Tur.-Ket.
Bot. zhur. 48 no.12:1828-1830 D '63. (MIRA 17:4)

1. Botanicheskiy sad AN Uzbekskoy SSR, Tashkent.

GOMOLITSKIY, N.P. (Leningrad)

New Jurassic conifers from the southwestern spurs of the Gissar Range.
Bot.zhur. 49 no.10:1430-1437 O '64. (MIRA 18:1)

GOMOLITSKIY, N.P.

New Middle Jurassic ferns and ginkgoes from the Gissar Range.
Paleont. zhur. no.1:125-132 '65. (MIRA 18:4)

1. Botanicheskiy institut imeni Komarova AN SSSR.

GOMOLITSKIY, P. A.

Gomolitskiy, P. A. - "Data on the biology of rhizometype weeds," Trudy Botan. sada (Akad. nauk Uzbek. SSR), Issue 1, 1949, p. 69-90, - Bibliog: 12 items

SO: U-5240, 17, Dec. 53, (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

GOMOLITSKIY, P.A.

Material on the biology of juniper seedlings. Trudy Bot.sada AN Uz. SSR no.4:113-119 '54. (MLRA 9:7)
(Juniper)

HUSANOV, F.N.; GOMOLITSKIY, P.A.

Survey of the activities of the Botanical Garden of the Academy of Sciences of the Uzbek S.S.R. during the ten years from 1943 to 1953. Trudy Bot.sada AN Uz.SSR no.5:3-13 '56. (MLRA 10:2)
(Tashkent--Botanical gardens)

GOMOLITSKIY, P.A.

Calligonum seedlings. Trudy Bot.sada AN Uz.SSR no.5:47-60 '56.
(Tashkent--Calligonum) (MLRA 10:2)

GOMOLITSKIY, P.A.

Conference of workers of botanical gardens of Central Asia and Kazakhstan, held in Tashkent. Uzb.biol.zhur. no.5:79-80 '59.
(MIRA 13:4)

(BOTANICAL RESEARCH--CONGRESSES)

COUNTRY : Poland H-30
CATEGORY :

ABS. JOUR. : RZKhim., No. 21 1959, No. 76849

AUTHOR : Rakowski, A. and Gomolka, A.
INST. : Not given
TITLE : International Cooperation in the Paints and Varnishes Industry

ORIG. PUB. : Chemik, 11, No 10, 319-321 (1958)

ABSTRACT : A report on the Second International Week of the Paints and Varnishes Industry held on 3-9 August 1958 in Danzig. Summaries of 16 papers are given.

D. Yakesh

CARD: 1/1

GOMOLKA, Boleslaw

Astronomical exhibitions in the Jagellonian Library in 1961.
Wszechswiat no.3:81-82 Mr '62.

GOMOLKA, Boleslaw

"Astronautics" by M. Subotowicz. Reviewed by Boleslaw Gomolka. Wszechswiat no.4:109 Ap '62.

GOMOLKA, Boleslaw

Astrobotanics. Wiadom botan 6 no.2:131-159 '62.

GOMOLKA, Boleslaw (Krakow)

American biological satellites. Wszechswiat no.7/8:184-189 Jl-Ag '62.

GOMOLKA, Boleslaw

Problems of exobiology. Kosmos biol 11 no.5:507-519 '62.

GOMOLKA, B.

S/035/62/000/012/005/064
A001/A101

AUTHOR: None given

TITLE: "Urania" (Poland), 1962, v. 33, no. 7

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 12, 1962, 6, abstract 12A34 ("Urania" (Polska), 1962, v. 33, no. 7, 194 - 220, Polish)

TEXT: The following articles have been published: "Electrical Universe" by K. Ziolkowski; "Space Medicine" by B. Falkiewicz; "The name of Copernicus in botanics" by B. Gomolka; "Eternal satellite" by J. Gadomski; "Voicech from Brudzew", "Copernicus portrait on the clock of the Strassburg cathedral" and "Kant on Copernicus" by S. Brzostkiewicz; "Discovery of Transpluto" by S. Lubertowicz; "Correction to the article on Comets" by F. Kępinski; "On the problem of restoration of Frombork" by S. Przyłęcki; "470 anniversary of the first terrestrial globe" by J. Pagaczewski, etc.

N. Ch.

[Abstracter's note: Complete translation]

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GOMOLKA, Boleslaw (Krakow)

Orbital group flight. Wszechswiat no.5:109-113 My '63.

GOMOLKA, Boleslaw (Krakow)

Space flights toward Venus. Wszechswiat no.9:201-205 S '63.

GOMOLKO, L.M.

Some clinical and morphological observations on the action of stimulin D. Vrach. delo no.2:119-120 F '61. (MIRA 14:3)

1. Pervaya fizioterapevticheskaya poliklinika Kiyevskogo gorodskogo zdravotdela (konsul'tant prof. A.R.Kirichinskiy) i kafedra gistologii (zav. - chlen-korrespondent AMN SSSR, prof. P.I.Zazybin) Kiyevskogo meditsinskogo instituta.
(BEETLES--THERAPEUTIC USE) (DRUGS)

GOMOLKO, L.M.

Use of the ultrahigh-frequency Unit-50 in electrosurgery. Vop. kur., fizioter. i lech. fiz. kul't. 25 no.2:178-179 Mr-Ap '60.
(MIRA 13:9)

1. Iz I fizioterapevticheskoy poliklinik Kiyevskogo gorodskogo otdela zdravookhraneniya (glavnyy vrach A.I. Miranskiy) i Ukrainskogo instituta rentgeno-radiologii (dir. - prof. I.T.Shevchenko).
(ELECTROSURGERY)

GOMOLOV, V.M., inzh.

Device for measuring the level of pulverized coal. Elek. sta. 33 no.5:78-79 My '62. (MIRA 15:7)
(Level indicators)
(Electric power plants--Electronic equipment)

GOMOLOV, V.M., inzh.

Level meter with pressure compensation in a boiler drum. [illegible] etc.
36 no.8:77-78 Ag '65. (MIRA 18:8)

GOMOL'SKIY, M.M., inzh.; KUCHUGIN, V.V., inzh.

Replacement of bronze bushes of D_y = 50 --D_y = 10 valves with sulfurized cast iron. Energetik 12 no.3:19-20 Mr '64.
(MIRA 17:4)

TARKOVSKIY, G.V.; GOMOLYA, Ye.K.; KUL'CHITSKAYA, D.O.; OSIPENKO, I.S.; MINIOVICH, T.A., assistent

Advanced training for pharmacists in the Department of Pharmacy of the Kiev Institute of Advanced Training for Physicians. Apt.delo 6 no.5:59-60 S-O '57. (MIRA 10:11)

1. Kafedra tekhnologii lekarstvennykh form i galenovykh preparatov (for Miniovich)
(KIEV--PHARMACY--STUDY AND TEACHING)

VERTSMAN, G.Z., kand. tekhn. nauk; GOMOLYAKO, I.M., kand. tekhn. nauk;
GLIKMAN, M.S., kand. tekhn. nauk; KORNAKOV, A.M., kand. tekhn. nauk

"Collected papers of the Moscow Research Institute of Railroad Engineering; designing railroad stations and yards." Reviewed by G.Z.Vertsman, Transp. stroi. 8 no. 7:31-32 Jl '58. (MIRA 11:7)
(Railroads--Stations)
(Railroads--Yards)

VERTSMAN, G.Z., kand. tekhn. nauk; PANTELEYEV, P.I., kand. tekhn. nauk; GOMOLYAKO, I.M.; TAL', K.K.; GUSEVA, K.G.; LUGOVOY, P.A.; MASSAN, A.M.; GALKIN, N.V.; SAPRYGINA, G.M.; CHESNOKOV, D.S.; DROZDKOV, V.I.; IZYUMOV, P.S.; ZAK, B.O.; KOMOGID, P.Ye.; MAKSIMOVICH, L.N.; ZBOROVSKAYA, M.I.; PAVLOVSKAYA, S.A.; BORISOV, A.V.; SELIVANETS, N.Ye.; ITKES, V.M.; YATSKEVICH, Ya.D.; KOZYRSKIY, N.P.; NIKITIN, V.D.; NEKLEPAYEVA, Z.A., inzh., red.; MEDVEDEVA, M.A., tekhn.red.

[Design and planning of railroad stations and junctions] Proektirovanie zheleznodorozhnykh stantsii i uzlov; spravochnoe i metodicheskoe proizvodstvo. Moskva, Transzheldorizdat, 1963. 443 p. (MIRA 16:12)

1. Nauchno-issledovatel'skiy institut transportnogo stroitel'stva (for Guseva). 2. Gosudarstvennyy institut tekhniko-ekonomicheskikh izyskaniy i proyektirovaniya zheleznodorozhnogo transporta (for Zak). 3. Kiyevskiy gosudarstvennyy proyektno-izyskatel'skiy institut (for Kozyrskiy). 4. Moskovskiy institut inzhenerov zheleznodorozhnogo transporta Im. I.V. Stalina (for Nikitin).

(Railroad engineering)

GOMOLYAKO, L.G.

Effect of the infection with Oospora postulans Owen et Wakefield on the chemical composition of potato tubers. Biokhim.pl. i ovoshch. no.5:159-164 '59. (MIRA 13:1)

1. Polyarnaya opytnaya stantsiya Vsesoyuznogo instituta rasteniyevodstva Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina.
(Murmansk Province--Potatoes--Diseases and pests)

?

GOMOLYAKO, L.G.

Biochemical characteristics of berry crops in the Far North. Biokhim. pl.i ovoshch. no.6:165-174 '61. (MIRA 14:6)

1. Polyarnaya opytnaya stantsiya Vsesoyuznogo instituta rasteniyevodstva, st. Khibiny.
(Khibiny—Currants) (Fruit—Chemical composition)

GOMOLYAKO, N.I.

GOMOLYAKO, N.I. "Observations on the Development of Powdery Scab of Potatoes," Bolezni Rastenii, Vestnik Otdela Fitopatologii Glavnogo Botanicheskogo Sada USSR, vol. 19, no. 1-2, 1930, pp. 79-88. 464.8 Z6

SO: Sire Si-90-53 15 Dec 1953

GOMOLIAKO, N. I.

See: SALUNSKAIA, N. I., VITAS, K. I., and GRINBERG, D. N.

GOMOLIAKO, N. I. "Study of Rhizoctonia on Sugar Beets," in Principal Conclusions of the Scientific-Research Work of the All Union Scientific-Research Institute for the Sugar Industry for 1937, State Technological-Economical Publishing House of Food Industry, Moscow, 1939, pp. 260-262. 65.9 V96

So: Sira - Si - 90 - 53, 15 December 1953

GOMOLYAKO, N.I.,
M. P. PANASSYUK, (Main results of the scientific research work during 1937 of the Pan-Soviet Scientific Research Institute for the Sugar Industry (VNIS) 483pp. 30 figs., 31 diags., 14 graphs, 1939. (pp260-262)

GOMOLYAKO, N.I.

GOMOLYAKI, N.I. "Establishment of Diagnostic Sumptons of Teliospores of Rust in Beets of Phytopathological Control of Seed," in Principal Conclusions of the Scientific-Research Work of the All Union Scientific-Research Institute for the Sugar Industry for 1938 , State Technological-Economical Publishing House of Food Industry, Moscow, 1940, pp.167-168. 65.9 V96

SO: Sire Si-90-53 15 Dec. 1953

GOMOLYAKO, N.I.

GOMOLYAKO, N.I. "Testing the Jager Grain Dryer System for Drying of Beet Seeds after Treatment in a Formalin Solution," in Principal Conclusions of the Scientific-Research Work of the All Union Scientific-Research Institute for the Sugar Industry for 1938, State Technological-Economical Publishing House of Food Industry, Moscow, 1940, pp. 169-170
65.9 V96

GOMOLYAKO, M.I.

Anatomical characteristics of fungi infecting grains; second report. Mikrobiol.zhur. 15 no.2:72-80 '53. (MLRA 7:3)

1. Z viddilu mikologii Institutu mikrobiologii im. akad. D.K. Zabolotnogo AN URSR.
(Grain--Diseases and pests) (Fungi, Pathogenic)

GOMOLYAKO, M. T.

PIDOPLICHKO, M.; BILAY, V.; GOMOLYAKO, M.; KHALABUDA, T.

L.I. Kursanov; obituary. Mikrobiol. zhur. 17 no.2:77-78 '55
(MLRA 10:5)

(KURSANOV, LEV IVANOVICH, 1877-1954)

GOMOLYAKO, M.I.

Conference on problems of studying potato wart and developing methods for its control. Mikrobiol. zhur. 17 no.3:73-74 '55
(MLRA 10:5)

1. Z Institutu mikrobiologii AN URSR
(POTATO WART)

GOMOLYAKO, M.I.

Fungi on spring wheat roots. Mikrobiol. zhur. 18 no.3:12-24 '56.
(MLRA 9:10)

1. Z Institutu mikrobiologii Akademii nauk URSR.
(UKRAINE--FUNGI IN AGRICULTURE)
(RHIZOSPHERE MICROBIOLOGY)
(WHEAT)

Gomolyako, M.I.

GOMOLYAKO, M.I.

Influence exerted on the growth of spring wheat by its rhizosphere fungi; preliminary communication. Mikrobiol.zhur. 19 no.4:8-15 '57. (MIRA 11:1)

1. Z Instytutu mikrobiologii AN URSR
(RHIZOSPHERE MICROBIOLOGY) (WHEAT)

GOMOLYAKO, N.I. [Homoliako, M.I.]

Effect produced on the growth of spring wheat by its rhizosphere fungi. Report no.2. Mikrobiol.zhur. 20 no.3:3-9 '58 (MIRA 11:11)

1. Iz Instituta mikrobiologii AN USSR.
(WHEAT)
(RHIZOSPHERE MICROBIOLOGY)

GOMOLYAKO, N.I.

Recollections about Artur Arturovich IAchevskii. Trudy VIZR no.23:51-52 '64. (MIRA 19:2)

Plastids and starch in roots of sugar beet. S. P. Gonot'yako (All-Union Sci. Research Sugar Beet Inst., Kiev). *Doklady Akad. Nauk S.S.S.R.* 96, 881 (1954). The structure of root chloroplasts of the sugar beet is similar to that of the leaf plastids. Photosynthetic activity in sunlight is able to penetrate considerable [illegible] tissues of the sugar beet which [illegible] photosynthetic activity in that part of the plant. In the sugar-beet roots starch formation does not occur in the stroma of the plastids but in the granules, green ones in the chloroplasts and colorless ones in the leucoplasts. Increase of P supply through the roots with appropriate proportion of N and K aids this process by increasing the no. of active plastids in the roots.

G. M. Kosolapoff

ORLOVSKIY, N.I. [Orlovs'kyi M.I.]; FILATOVA, T.A.; OKANENKO, A.S.; GOMOLYAKO, S.Ye. [Homoliako, S.IE.]

Professor Aleksandr Aleksandrovich Tabentskii; on his 70th birthday and 50th anniversary of his scientific activities. Ukr. bot. zhur. 17 no.5:113-114 '60. (MIRA 13:12)
(Tabentskii, Aleksandr Aleksandrovich)

GOMOLYAKO, S.Ye. [Homoliako, S.IU.]

Spiral structure of the sugar beet root. Ukr. bot. zhur. 18 no.3:55-63 '61. (MIRA 14:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sakharnoy [illegible]y, Kiyev.
(Sugar beets)

GOMON, G.F. LAPPO, A.A., glavnyy metodist; POTASHOV, A.I., otvetstvennyy redaktor; SULKOVSKAYA, M.A., redaktor; PEVZNER, V.I., tekhnicheskiy redaktor

[The "Ukrainian S.S.R." pavilion; a guidebook] Pavil'on "Ukrainskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 28 p. (MLRA 9:12)

1. Moscow. Vsesoyuznaya sel'skokhozyaystvennaya vystavka, 1954-
2. Direktor pavil'ona (for Gomon)
(Ukraine--Agriculture)
(Moscow--Agricultural exhibitions)

GOMON, G.F.

Agriculture in Burma. Nauka i pered. op. v sel'khoz. 6 no.11:89-92 N '56. (MIRA 10:1)
(Burma--Agriculture)

GOMON, G. F., agronom.

Achievements of corn growers in 1958. Nauka i pered. op. v sel'khoz 8 no.12:34-36 D '58. (MIRA 12:1)
(Corn (Maize))

GOMON, G.F. [Homon, H.F.]

Along the road of technical progress. Nauka i zhyttia 11 no.8: 24-26 Ag '61. (MIRA 14:12)

1. Direktor pavil'ona Ukrainskoy SSR na Vystavke dostizheniy narodnogo khozyaystva SSSR.
(Moscow--Exhibitions)

GOMON, G.O.

Luminescene and light absorption of diamond. Dokl. AN SSSR 105 no.4:713-715 D '55. (MLRA 9:3)

1. Predstavleno akademikom A.V. Shubnikovym.
(Diamonds)

GNEVUSHEV, M.A.; GOMON, G.O.; CHERNENKO, A.I.

Effect of the chromium content of pyrope on the height of maximal curves of spectral absorption. Zap. Vses. min. ob-va 87 no.1:85-89 '58. (MIRA 11:6)

1. Amakinskaya ekspeditsiya Glavuralsibgeologii, st. Nyurba.
(Chromium--Spectra) (Garnet)

S/058/62/000/005/052/119
A057/A101

AUTHOR: Gomon, G. O.

TITLE: Absorption and luminescence of diamond

PERIODICAL: Referativnyy zhurnal, Fizika, no. 5, 1962, 64, abstract 5V434 ("Materialy Vses. n.-i. geol. in-ta", 1960, no. 40, 125-146)

TEXT: Absorption in UV, visible and IR-range of spectrum, and also luminescence of diamond (D) samples from various deposits in the USSR was investigated systematically. The obtained results do not agree with the current classification of D into two types (I and II). The author considers his formerly proposed classification of D (RZhFiz, 1956, no. 8, 23846) as more reasonable, with the following aspects: 1) Most rare are D with a crystalline structure, near the ideal, transparent in UV - up to 2,200-25,000 Å and transparent in the 8-micron range; not showing luminescence exposed to UV-rays and having no characteristic extra-reflection in X-rays (type II). 2) The absorption in the 3,020-3,200Å range of D, which are transparent up to 2,850-2,900 Å, and also the absorption in the 8-micron range is probably due to some defects in the crystal lattice the nature of which is not explained yet. 3) The blue luminescence of

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S/058/62/000/005/052/119
A057/A101

Absorption and luminescence of diamond

D is in connection with the absorption in the band around 4,152 Å. The defects in the lattice (possibly dislocated C atoms) which form these luminescence centers do not change the lattice symmetry, i.e. do not affect the absorption in the 8-micron range and are not identical with defects which stipulate absorption and the edge of transparency in the UV-range. 4) The yellow-green component in the luminescence spectrum of D changes in various samples not only by intensity, but also by the structure proving thus its greater sensitivity to different impurities and defects of the D lattice in connection with conditions of crystallization.

[Abstracter's note: Complete translation]

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S/051/60/008/03/024/038
E201/E191

AUTHOR: Gomon, G.O,

TITLE: The Absorption Spectra of Diamonds

PERIODICAL: Optika i spektroskopiya, 1960, Vol 8, Nr 3, pp 406-408 (USSR)

ABSTRACT: The author reports the absorption spectra of diamonds from various deposits in the Soviet Union, obtained at various temperatures. 40 samples, in the form of octahedra and plates, had different colours and different luminescence abilities. The absorption spectra were recorded between 3000 and 4800 Å, using a spectrophotometer SF-4 and a quartz spectrograph ISP-28. The results obtained by the present author and those already published (Refs 1-3) are listed in a table on p 406. Positions of weak absorption bands near 4765, 4619 and 4520 Å agreed satisfactorily with the results reported by Clark et al (Ref 3). All the remaining lines and bands could be grouped into four series. The separation (Δ) between two neighbouring bands inside a series was approximately constant. The four series covered the following ranges: 4152-3850 Å ($\Delta \sim 0.080$ eV), 3450-3300 Å ($\Delta \sim 0.080$ eV), 3200-3154 Å

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S/051/60/008/03/024/038
E201/E191

The Absorption Spectra of Diamonds

($\Delta \sim 0.025$-0.030 eV), 3110-3020 Å ($\Delta \sim 0.030$ eV). In a wide absorption band on the short-wavelength side of the 4152 line, vibrational spectra consisting of 4040, 3950 and 3850 Å narrow bands were observed (Figure on p 407, curve 1). These narrow bands were accompanied by narrow bands in the luminescence spectra at positions which were mirror-symmetrical with respect to the 4152Å line. The intensity of luminescence of these bands was proportional to the intensity of the corresponding mirror-symmetrical absorption bands. If the diamond exhibited no luminescence in this region the corresponding absorption band near 4152 Å was also absent (curve 2 in the figure on p 407). The paper concludes with a discussion of the remaining three absorption groups. There are 1 figure, 1 table and 4 references, of which 1 is Soviet, 2 English and 1 Indian.

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SUBMITTED: July 22, 1959

S/051/60/008/04/015/032
E201/E691

AUTHOR: Gamon, G.O.

TITLE: The Luminescence Spectra of Diamonds

PERIODICAL: Optika i spektroskopiya, 1960, Vol 8, Nr 4, pp 521-524 (USSR)

ABSTRACT: The author obtained the luminescence spectra of a large number of diamonds from various localities in the Soviet Union. Luminescence was excited with light from a mercury lamp SVDSh-250 passed through a filter UFS-3. The luminescence spectra were recorded with an ISP-51 spectrograph. A figure on p 522 shows the luminescence spectra of various diamonds between 4000 and 6600 Å, obtained at 80°K. The differences of the colour and intensity of luminescence are due to the differences of the absolute and relative intensities of the blue and yellow-green components of luminescence. The structure of the blue component is the same in all diamonds. Considerable variations of the yellow-green band structure from sample to sample show that the yellow-green luminescence centres are sensitive to impurities and/or lattice defects. There are 1 figure and 5 references, 1 of which is English and 4 Indian.

Card 1/1

SUBMITTED: July 3, 1959

GOMON, G.O.; FUTERGENDLER, S.I.

Two types of diamonds. Inform.sbor. VSEGEI no.16:97-102 '59.
(MIRA 15:3)
(Diamonds)

GOL'DSHTEYN, I.A.; GOMON, G.O.; ROGOZINA, I.D.; FUTERGENDLER, S.I.

Luminescence of diamonds excited by X-rays. Geofiz. prib. no.10:87-98 '61. (MIRA 15:8)
(Diamonds--Optical properties) (X-ray crystallography)

GOMON, G.O.; FUTERGENDLER, S.I.

Diamond with an unusual X-ray luminescence. Min. sbor. no.15:325-327 '61. (MIRA 15:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut, Leningrad.
(Diamonds) (Luminescence)

GOMON, G.O.; KINZHALOV, P.S.; KULEBYAKIN, N.M.

Luminescence of diamonds from the "Mir" pipe. Geol.i geofiz. no.2:116-118 '62. (MIRA 15:4)

1. Trest "Yakutalmaz", pos. Mirnyy.
(Yakutia—Diamonds)

GNEVUSHEV, M.A.; GOMON, G.O.; FUTERGENDLER, S.I.

Relation of the luminescence of diamond to some of its other properties. Min. sbor. no.17:82-89 '63. (MIRA 17:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut, Leningrad.

[illegible], A.A.; KARAPETYAN, T.G.; YUDIN, S.N.

Study of diamonds using the method of electron paramagnetic resonance (EPR). Geol. i geofiz. no.5:[illegible] '65.

(MIRA 18:8)

1. Novosibirskiy filial Vsesoyuznogo nauchno-issledovatel'skiy geologicheskiy institut, Novosibirsk.

GOMON, G.O.; SHULTIN, A.A.

Infrared absorption spectra of diamonds with different physical properties. Dokl. AN SSSR 166 no.1:63-66 Ja '66.
(MIRA 19:1)

1. Leningradskiy gosudarstvennyy universitet im. A.A.Zhdanova.
Submitted April 28, 1965.

L 14031-66 EWT(l)/EWT(m)/EWP(e) IJP(c) WH

ACC NR: AR5020044 SOURCE CODE: UR/0081/65/000/012/E054/E055

41
B

AUTHOR: Gnevushev, M.A.; Gomon, G.O.; Futergendler, S.I.

ORG: none

21, 44, 55 15

TITLE: Connection between the luminescence of a diamond and some of its other properties

SOURCE: Ref. zh. Khimiya, Abs. 12E30

REF SOURCE: Mineralog. sb. L'vovsk. geol. o-va pri un-te, no. 17, 1963, 82-89

TOPIC TAGS: diamond, luminescence, x ray analysis

TRANSLATION: A study was made of the luminescence of more than 100 diamonds from the kimberlite shaft "Mir" (West Yakutiya); at the same time a study was conducted of the morphological peculiarities of diamonds: coloring and degree of transparency. Some of the samples were subjected to x-ray analysis. For certain groups of the diamonds, a correlation was established between the luminescencent and roentgenostructural spectra and the morphological characteristics. R. Khmel'nitskiy.

SUB CODE: 20

Card 1/1 UDC

2

L 14077-66 EWT(1)/EWP(e)/EWT(m)/T/EWP(t)/EWP(b) IJP(c) JD/WH

ACC NR: AP6003484 SOURCE CODE: UR/0020/66/166/001/0063/0066

63

AUTHOR: Gomon, G. O.; Shultin, A. A.

ORG: Leningrad State University im. A. A. Zhdanov (Leningradskiy gosudarstvennyy universitet)

TITLE: Infrared absorption spectra of diamonds with various physical properties

21,44,55

SOURCE: AN SSSR. Doklady, v. 166, no. 1, 1966, 63-66

TOPIC TAGS: diamond, IR absorption, absorption spectrum, luminescence

ABSTRACT: Infrared absorption spectra were studied in diamonds which displayed distinguishing features with respect to luminescence, absorption in the ultraviolet region of the spectrum, color and other properties in an attempt to clarify the nature of individual absorption bands. A clear relationship is established between absorption of diamonds at about 8 μ and absorption in the ultraviolet region of the spectrum: diamonds which are transparent in the ultraviolet region at 2250-2700 Å are transparent in the infrared region at 8 μ. Diamonds which are transparent in the 2800-3100 Å region (with a group of bands at 3020-3300 Å in their absorption

Card 1/2 UDC: 535.342 + 548.0:535

spectra) also show absorption in the region near 8 μ. Apparently the centers responsible for absorption at about 3000 Å also cause absorption near 8 μ. These centers do not form after the diamonds are irradiated by protons or neutrons, or after radiation and subsequent heat treatment. Thus they are not defects in the crystal lattice of the diamond since these may be formed by such action. It might be supposed that these centers are due to impurities in the diamonds. However, the authors were unsuccessful in identifying the form of the impurity with those previously identified in diamonds. These phenomena were not observed in diamonds which have a singular structure in the yellow-green component of the luminescence spectrum. The absorption at about 8 μ may be due to transitions between levels responsible for the luminescence lines at 4890 and 5203 Å and are not associated with absorption in the ultraviolet region. No relationship was established between the absorption near 8 μ and the intense blue and yellow-green luminescence of diamonds (415 and 503 mμ). Orig. art. has: 1 figure, 1 table.

SUB CODE: 20/ SUBM DATE: 27Apr65/ ORIG REF: 004/ OTH REF: 006

GOMON, S.L., inzh.; VASIL'YEVA, N.R., red.

[Hydraulic engineering laboratories and hydraulic laboratories abroad; a survey of the literature] Gidrotekhnicheskie i gidravlicheskie laboratorii za rubezhom; obzor literatury. Moskva, Otdel otraslevoi nauchnoi i tekhniko-ekon. informatsii, 1965. 170 p. (MIRA 18:12)

S/881/57/000/001/008/013
A066/A126

AUTHORS: Gomonay, V. I., Parlag, A. M., Sikora, D. I., Shkoda-Ul'yanov, V. A.

TITLE: The use of the "equilibrium spectrum" of photons for calculating (γ,n)-reaction cross sections from neutron yield curves for heavy elements by the "photon difference" method

SOURCE: Uzhgorod. Universitet. Nekotoryye problemy sovremennoy fiziki yadra i elementarnykh chastits; sbornik statey, no. 1, 1957, 79 - 85

TEXT: A comparison between the results of previous papers (V. A. Shkoda-Ul'yanov. O novom metode opredeleniya secheniy reaktsiy - A new method of determining reaction cross sections. Nauchnyye zapiski Uzhgorodskogo Gosudarstvennogo universiteta, v. 18, 1956; V. I. Gol'danskiy and V. A. Shkoda-Ul'yanov. ZhETF, 28, 629 (1955)) and data published by L. Katz and A. G. Cameron (W. J. Phys., 29, 518 (1951) shows that the photon difference method is a suitable means for calculating

Card 1/2

The use of the "equilibrium spectrum" .....

γn-reaction cross sections from the excitation curves obtained for thick specimens. It is noted that a tabular form of the function $I(\varepsilon,\varepsilon_0)$ is particularly convenient for the purpose. A table of this function for photon energies ranging from 8.25 to 27.75 Mev is presented in an appendix. There is 1 table.

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S/089/61/010/003/012/021
B102/B205

AUTHORS: Gomonay, V. I., Sikora, D. I., Shkoda-Ul'yanov, V. A.

TITLE: Some comments on the determination of the yield of photoneutrons from thick specimens

PERIODICAL: Atomnaya energiya, v. 10, no. 3, 1961, 265-266

TEXT: This "Letter to the Editor" presents a comparison of the results of measurements of the photoneutron yield from thick targets (of some radiation lengths) of various authors, and also a critical discussion of the data obtained. In addition, experimental results are compared with calculations of the present authors. With the exception of some data on the (γ,n) reaction on lead, the experimental results have been taken from Ref. 1 (V. M. Grizhko et al., Zh.eksperim. i teor. fiz., 38, 1370, 1960) and Ref. 2 (W. Barber, W. George, Phys.Rev. 116, 1551, 1959), which deal with the yield of photoneutrons from several elements bombarded with monoenergetic electrons in the range of 10-35 Mev. The measuring techniques used in the two investigations were slightly different; the results obtained for lead targets are shown by curves 1 and 2 of Fig. 1.

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Some comments on the determination ... S/089/61/010/003/012/021
B102/B205

Using data on the (γ,n) excitation functions for lead from Refs. 3 and 4 (Phys.Rev. 91, 659 (1953) and 108, 77 (1957)), the authors calculated the photoneutron yields from infinitely thick targets by means of the Belen'kiy-Tamm equilibrium spectrum. Results are shown by curves 3, 3', and 4 of Fig. 1. Curve 3' lies between 1 and 2 and was obtained on the assumption that the (γ,n) reaction cross section in lead is constant at energies of 22-30 Mev and equal to that obtained for 18-22 Mev. Regarding the pair-production cross section it was supposed that $\sigma_{pair}=\sigma_{B.H.}+4.0+46/\omega$; $\sigma_{B.H.}$ is the pair-production cross section according to Bethe-Heitler; $\omega=E/m_0c^2$; E denotes the electron energy, and m_0c^2 the energy of the electron at rest. A comparison between v on 3' and 1 and 2 leads to the assumption that at energies above 21 Mev, the photoneutron production cross section in lead is bound to increase. Assuming infinitely thick targets layers and using the Belen'kiy-Tamm spectrum, the yields of photoneutrons for copper and uranium were also calculated. Here, the curves diverge much more, and the theoretical curves are steeper

Card 2/3

Some comments on the determination ... S/089/61/010/003/012/021
B102/B205

and higher in both cases. There are 2 figures and 6 references: 2 Soviet-bloc and 4 non-Soviet bloc.

SUBMITTED: August 31, 1960

Card 3/3

STADNIK, P.M.; GOMONAY, V.I.

Part played by the vessel surface in methane oxidation. Kin. i kat. 4 no.3:348-352 My-Je '63. (MIRA 16:7)

1. Uzhgorodskiy gosudarstvennyy universitet, kafedra fizicheskoy khimii.
(Methane) (Oxidation) (Catalysis)

STADNIK, P.M.; GOMONAY, V.I.

Study of the heterogeneous-homogeneous mechanism of methane oxidation on quartz by the method of hardening. Ukr. khim. zhur. 29 no.10:1052-1057 '63. (MIRA 17:1)

1. Uzhgorodskiy gosudarstvennyy universitet.

GOMONOV, I.

In the technical study room of the Almalyk lead mines construction trust. Stroitel' no.4:22 Ap '58. (MIRA 11:5)

1.Nachal'nik tekhnicheskogo otdela tresta Almalykswinetsstroy.
(Almalyk--Technical education)

VOLKOV, K.; GOMONOV, V.; PARASUN'KO, Ye.

Production of edible fat by hydrolysis. Mias.ind.SSSR 31 no.3:48 '60. (MIRA 13:9)

1. Permskiy myasokombinat.
(Perm--Oils and fats, Edible)

PARFENOV, N.P., dotsent, kand. tekhn. nauk; GOMONOV, V.K., aspirant; BROVCHENKO, R.A., student; KULIKOV, Yu.I., student; DOYKHEN, Yu.M., student

Fixed fastening of a unit in a plane under directionally variable loading. Sbor. trud. Khab. avt.-dor. inst. no.1:12-15 '62. (MIRA 18:1)